

W/a

-1-

SEQUENCE LISTING

<110> Hartley, James L.
Brasch, Michael A.
Temple, Gary F.
Fox, Donna K.

<120> Recombinational Cloning Using Nucleic Acids Having
Recombination Sites

<130> 0942.2850004

<140> US 09/177,387
<141> 1998-10-23

<150> US 60/065,930
<151> 1997-10-24

<160> 60

<170> PatentIn Ver. 2.0

<210> 1
<211> 25
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<223> "n" may be any nucleotide
<223> Description of Unknown Organism: recombination
products

<400> 1
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products

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products

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<223> Description of Unknown Organism: recombination
products

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products

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<223> Description of Unknown Organism: recombination
products

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products

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<210> 12
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<210> 14
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<400> 14
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<210> 15

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<400> 16

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<210> 17

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<210> 18

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<212> DNA

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products

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<210> 19

<211> 46

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic
oligonucleotide

<400> 19

ggccgattac gatatccaa cgaccgaaaa cctgtatccc caggg 46

<210> 20

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic
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<210> 21

<211> 47

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic
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<210> 22
<211> 31
<212> DNA
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<400> 22
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<210> 23
<211> 48
<212> DNA
<213> Artificial Sequence

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<400> 23
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<210> 24
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<212> DNA
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caggttttcg gtcgttggga tatcgtaatc tt 32

<210> 25
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<212> DNA
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<400> 25
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<210> 26
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oligonucleotide

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oligonucleotide

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<212> DNA
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oligonucleotide

<400> 28
ucccacuuau uacgccccgc cctgccactc atc 33

<210> 29
<211> 33
<212> DNA
<213> Artificial Sequence

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oligonucleotide

<400> 29
uauuuucagg guatgcctgt tctggaaaac cg... 33

<210> 30
<211> 34
<212> DNA
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oligonucleotide

<400> 30
ucccacuuau uatttcagcc ccagggcggc tt... 34

<210> 31
<211> 58
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic
oligonucleotide

<400> 31
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<210> 32
<211> 58
<212> DNA
<213> Artificial Sequence

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oligonucleotide

<400> 32

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<210> 33

<211> 20

<212> DNA

<213> Artificial Sequence

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oligonucleotide

<400> 33

tcactagtcg gcggccca 20

<210> 34

<211> 20

<212> DNA

<213> Artificial Sequence

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oligonucleotide

<400> 34

gagcggcccc cgcgaccac 20

<210> 35

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic
oligonucleotide

<400> 35

ggcccaacaag tttgtacaaa a

21

<210> 36

<211> 20

<212> DNA

<213> Artificial Sequence

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oligonucleotide

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20

<210> 37

<211> 21

<212> DNA

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oligonucleotide

<400> 37

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21

<210> 38

<211> 21

<212> DNA

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oligonucleotide

<400> 38

accactttgt acaagaaagc t

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<210> 39
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<220>
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products

<400> 39
rbycwgcttt yttrtacwaa stkgd

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<210> 40
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<212> DNA
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products

<400> 40
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<210> 41
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products

<400> 41
asccwgcttt yttrtacwaa gttgg

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<210> 42
<211> 25
<212> DNA
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<223> Description of Unknown Organism: recombination
products

<400> 42

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<210> 43

<211> 25

<212> DNA

<213> Unknown

<220>

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products

<400> 43

gttcagcttt yttrtacwaa gttgg

25

<210> 44

<211> 25

<212> DNA

<213> Unknown

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<400> 44

tcggacgaaa aaatatgatt gaact

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<210> 45

<211> 25

<212> DNA

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<220>

<223> Description of Unknown Organism: recombination
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<400> 45

tcggacgaaa aaacatgtt gaaca 25

<210> 46

<211> 25

<212> DNA

<213> Unknown

<220>

<223> Description of Unknown Organism: recombination
products

<400> 46

tcggacgaaa gaacatgtt gaaca 25

<210> 47

<211> 25

<212> DNA

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products

<400> 47

tgggtcgaaa gaacatgtt cacca 25

<210> 48

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oligonucleotide

<400> 48

aattctcatg tttgacagct tatac 24

<210> 49

<211> 21

<212> DNA

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oligonucleotide

<400> 49

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21

<210> 50

<211> 49

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic
oligonucleotide

<400> 50

acaagtttgt acaaaaaagc aggctaattc tcatgttga cagcttac

49

<210> 51

<211> 46

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic
oligonucleotide

<400> 51

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46

<210> 52

<211> 53

<212> DNA

<213> Artificial Sequence

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oligonucleotide

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<210> 53
<211> 50
<212> DNA
<213> Artificial Sequence

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<400> 53
ggggaccact ttgtacaaga aagctgggtc gatggatatg ttctgccaag 50

<210> 54
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<212> DNA
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<400> 54
aatacattca aatatgtatc cgc 23

<210> 55
<211> 22
<212> DNA
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<400> 55
ttaccaatgc ttaatcagtg ag 22

<210> 56

<211> 48
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oligonucleotide

<400> 56
acaagtttgt acaaaaaaaggc aggctaatac attcaaataat gtatccgc

48

<210> 57
<211> 47
<212> DNA
<213> Artificial Sequence

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oligonucleotide

<400> 57
accacttttgt acaagaaaggc tgggtttacc aatgcttaat cagttag

47

<210> 58
<211> 52
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oligonucleotide

<400> 58
ggggacaagt ttgtacaaaa aaggcaggcta atacattcaa atatgtatcc gc

52

<210> 59
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oligonucleotide

<400> 59

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<210> 60

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<213> Unknown

<220>

<223> Description of Unknown Organism: recombination
products

<400> 60

agcctgcttt tttatactaa cttga 25